Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2016, Washington

			Petroleum							Biomass							
	Coal	Natural Gas ^a	Distillate Fuel Oil	HGL b	Motor Gasoline ^C	Residual Fuel Oil	Other d	Total	Hydro- electric Power ^{e,f}		Losses		Solar ^{f,i}	Retail Electricity Sales		Electrical System	
Year	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh	Wood and Waste ^{f,g}	and Co- products h	Geo- thermal ^f		llion Wh	Net Energy ^{f,j}	Energy Losses ^k	Total ^{f,j}
1960 1965	420 341	50 79	5,937 5,546	134 155	802 765	7,137 7,281	5,134 9,804	19,144 23,551	195 190				NA NA	13,975 18,703			
1970	210	93 92	4,986 4,025	274	551	7,874 5,924	12,331	26,015	135				NA	25,530			
1975 1980	463 332	92 64	4,025 4,350	250 658		5,924 6,538	15,456 12,506	26,094 24,331	181 129				NA NA		==		
1985	208	64 63	2,689	1,487	692	5,167	14,164	24,199	129				NA	29,431			
1990 1995	229 223	78 110	3,976 3,724	1,228 1,278		1,989 644	20,233 21,708	28,084 27,910	189 197	==			(s) (s)	40,712 34,276			
1996	223 152	114	3,700	1,568	565	323	23,928	30,084	178				(s)	31,247			
1997 1998	156 117	111 133	3,449 4,299	2,190 2.049		303 255 351 888	21,392 27,588	27,928 34,682	217 163				(s) (s)	33,956 37,616			
1999	95	124	3,608	2,085	506	351	30,071	36,622	216	==	==	==	(s)	39,499	==		
2000 2001	126 128	84 75	2,953 3,586	4,003 4,405		888 138	23,985 17,311	32,362 26,480	32 3				(s) (s)	35,410 19,339	==		
2002	103	68	3,193	1,182	1,103	156	16.737	22.371	178				(s)	15,792			
2003 2004	90 84	66	2,974 2,434	537 569		83 19	16,564 18,536	21,272 22,830	2				(s) (s)	18,180 19,259	==		
2005	71	68 67	2,900	237	1,261	12	20,528	24,938	2	==	==	==	(s)	22,112	==	==	==
2006 2007	94 136	71 74	3,707 3,970	284 336	1,311 969	7 3	21,582 20,342	26,891 25,620	2	==	==		(s) (s)	22,013 20,753			
2008	148	76	4,951	1,282	876	7	20,230	27.347	2	==		==	(s)	21,117			
2009 2010	170 141	71 71	2,836 2,991	941 1.091		265 249	19,164 R 17,919	24,055 B 22,265	2				(s) (s)	23,371 26,633	==		
2011	97	76	2,927	1,410		262	R 16 404	R 23,365 R 22,133	3		==		(s)	27,933	==	==	==
2012 2013	109 106	78 81	2,553 2.608	1,336 1.469	1,105 1,139	176 154	R 17,790 R 16,156	R 22,960 R 21,526	1		==		(s) (s)	27,579 27,235	==		
2013	141	79	2,489	1,469	1,010	0	H 15 700	H 20 682	0				(S)	28,013			==
2015 2016	102 100	77 79	3,114 3,254	1,478 1.487	R 1,000 985	0	R 17,703 16,777	R 23,296 22,503	0	==		==	(s) (s)	26,772 25,678	==		
2010	Trillion Btu																
1960	10.9	51.8	34.6	0.6	4.2	44.9	31.6	115.9	2.1	40.4	NA	NA	NA	47.7	268.8	117.9	386.7
1965 1970	8.8	85.3 98.3	32.3 29.0	0.6	4.0	45.8	59.9 75.4	142.6	2.0	53.5	NA	NA NA	NA NA	63.8 87.1	356.0	152.3 210.7	508.4
1970	5.1 10.9	98.3	23.4	1.0 0.9	2.3	49.5 37.2	75.4 94.6	157.8 158.5	1.4 1.9	56.8 53.9	NA NA	NA	NA	93.5	406.5 414.7	224.4	617.2 639.0
1980	7.1	67.0	25.3	2.4		41.1	76.2	146.5	1.3	78.3	NA	NA	NA	107.0	407.2	257.1	664.3
1985 1990	4.5 5.2	65.7 80.8	15.7 23.2	5.3 4.4		32.5 12.5	87.0 123.2	144.1 166.7	1.4 2.0	91.7 75.0	0.3 0.3	NA 0.0	NA (s)	100.4 138.9	408.1 468.7	230.0 315.2	638.1 783.9
1995	4.2	114.6	21.7	4.6	2.9	4.1	133.0	166.1	2.0	64.7	0.3	0.0	(s)	117.0	469.0	261.7	730.7
1996 1997	3.0 3.2	118.6 116.6	21.5 20.1	5.6 7.8	3.1	2.0 1.9	146.1 131.0	178.2 163.9	1.8 2.2	62.9 70.1	0.1 0.1	0.0	(s)	106.6 115.9	471.3 472.0	226.8 244.8	698.1 716.8
1998	2.7 2.2	139.3	25.0	7.3 7.4	2.6	1.6	168.6 183.5	205.1	1.7	64.9	0.1	0.0	(s)	128.3 134.8	542.1 552.7	276.5	818.7
1999 2000	2.2	131.0 87.3	21.0 17.2	7.4 14.2	2.6	2.2 5.6	183.5 147.6	216.8 187.3	2.2 0.3	65.6 62.2	0.1 0.1	0.0	(s)	134.8 120.8	552.7 460.9	293.1 272.2	845.8 733.1
2001	2.9	77.6	20.9	15.6	5.4	0.9	106.0	148.8	(s) 1.8	57.3	0.1	0.0	(s)	66.0	352.7	155.6	508.3
2002 2003	2.3 2.1	69.7 67.6	18.6 17.3	4.2 1.9	5.7 5.8	1.0 0.5	102.8 101.2	132.3 126.7	1.8	50.1 53.0	0.1 0.1	0.0 0.0	(s) (s)	53.9 62.0	310.2 311.5	117.9 134.9	428.1 446.4
2004	1.8	69.7	14.2	2.0	6.6	0.1	113.0	135.9	(s) (s)	51.1	(s)	0.0 0.0 0.0	(s)	65.7	324.4	146.4	470.7
2005 2006	1.5	68.9 72.9	16.9 21.5	0.8 1.0	6.6	0.1 (s)	124.5 130.5	148.9 159.9	(s) (s)	56.9 81.1	(s) (s) 0.0	0.0	(s)	75.4 75.1	351.6 391.0	161.8 169.6	513.5 560.6
2007	3.2	75.4	23.0	1.2	5.0	(s)	123.0	152.2	(s)	54.9	0.0	0.0	(s)	70.8	356.6	153.1	509.7
2008 2009	3.0 3.5	78.0 73.4	28.6 16.4	4.5 3.3	4.5	(s) 1.7	122.0 115.1	159.7 140.7	(s) (s)	55.3 56.6	0.0 0.0	0.0 0.0	(s) (s)	72.1 79.7	368.0 354.0	158.3 171.5	526.3 525.5
2010	2.7	73.6	17.3	4.2	5.7	1.6	R 108 1	R 136 8	(s)	R 76.0	0.0	0.0	(s)	90.9	R 380 1	198.8	R 578.8
2011 2012	1.8 2.1	78.5 80.5	16.9 14.7	5.4 5.1		1.6 1.1	R 99.0 R 107.1	R 128.7 R 133.7 R 125.1	(s)	R 74.7 R 77.7	0.0 0.0	0.0	(s)	95.3 94.1	R 379.1 R 388.1	204.4 193.9	R 583.5 R 582.0
2013	2.0	83.6	15.0	5.6	5.8	1.0	R 97.7	B 125.1	ò.ó	H 78.0	0.0	0.0	(s)	92.9	H 381.6	192.3	R 573.9
2014 2015	2.7 1.9	83.0 R 81.4	14.4 18.0	5.6 5.7		0.0	R 95.2 R 106.7	R 120.3 R 135.4	0.0 0.0	R 78.0 R 78.4	0.0 0.0	0.0 0.0	(s)	95.6 91.3	R 379.5 R 388.5	198.2 176.6	R 577.7 R 565.1
2016	1.9	85.5	18.8	5.7	5.0	0.0	101.5	131.0	0.0	84.5	0.0	0.0	(s) (s)	87.6	390.5	163.5	554.0

column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

K Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical

 ^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
 ^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 ^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
 ^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum statuted" is expressed.

products" category. See Technical Notes, Section 4.

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot

be separately identified.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable

mere is a discommunity in this unite series between 1988 and 1989 due to the expander energy sources beginning in 1989.

9 Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

I losses and congruidute form the prediction of fuel etheral.

Losses and co-products from the production of fuel ethanol.

Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline

system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes

system energy losses. The 1990 estimates are into comparable to indee for later years. See Section 6 of reclinical Notes for an explanation of changes in methodology. kWh = Kilowatthours. —— = Not applicable. NA = Not available. Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05. Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.